Gas burner for boiler includes tubular structure for connection to fan, providing simplified forced ventilation assembly

Publication number: FR2794521
Publication date: 2000-12-08
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Classification:
- international: ***F23C5/02; F23D14/02; F23D14/36; F23D14/62; F24H9/18;*** **F23C5/00; F23D14/00; F23D14/02; F23D14/46; F24H9/18;** (IPC1-7): F24H9/18; F23D14/10; F23D14/62
- european: F23C5/02; F23D14/02; F23D14/36; F23D14/62; F24H9/18A3
Application number: FR19990007081 19990604
Priority number(s): FR19990007081 19990604

Also published as:
BE1012810 (A3)

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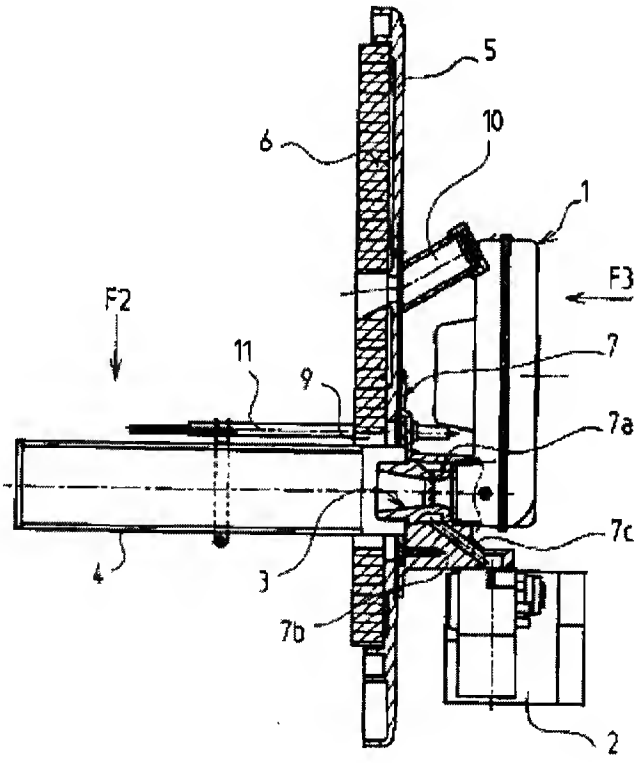
Abstract of **FR2794521**

The burner for a gas boiler comprises a gas inlet valve (2), an air fan (1) and a gas-air mixer. The mixer comprises a sleeve (3) with an annular gas inlet channel and outlet orifices, and tubular combustion grill. The burner for a gas boiler comprises a gas inlet valve (2), an air fan (1) and a gas-air mixer comprising a sleeve (3) with an annular gas inlet channel and outlet orifices, and tubular combustion grill. An annular support piece (7) is intended to be fixed to an opening (9) in the wall (5) of the boiler, with a tubular section projecting outside and have its ends connected to the output of the fan. The sleeve of the mixer is arranged in the middle (7a) so that the tubular combustion grill (4) is fitted coaxially at the middle and extends into the inside of the boiler. A fixing terminal (7b) is provided on the support piece for attaching the gas valve (2). An internal conduit (7c) is formed through the fixing terminal (7b) to connect the output orifice of the gas valve to the annular channel of the sleeve (3).



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